



COLORADO SPRINGS,
COLORADO

JANUARY 1993

PIKES PEAK RADIO AMATEUR ASSOCIATION, INC.
P.O. BOX 16521
COLORADO SPRINGS, COLORADO 80935



FIRST CLASS MAIL



Ø BEAT



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Ø-BEAT EDITOR	RON DEUTSCH NØP	4305 RIDGELANE DRIVE 80918	593-8352

ZERO BEAT is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc., P.O. Box 16521, Colorado Springs, Colorado 80935. For membership and subscription information see last page of this publication. The Pikes Peak Radio Amateur Association meets on the second Wednesday of each month at the Elk's Lodge, 3400 North Nevada Ave. at 7 p.m.

EDITOR: Ron Deutsch NØP 4305 Ridgelane Drive, Colorado Springs, Colorado 80918 (719) 593-8352.

Deadline for submission of articles or ads is the 21st of each month. Submissions may be sent to the editor or to the club mail box. Permission to reprint articles is granted provided credit is given to both the author and this publication.

ADVERTISING RATES: Full page \$48; half page \$24; quarter page \$12; business card size \$6. These are monthly rates and are billed quarterly. Send your ad requests and payments to: P.O. Box 16521, Colorado Springs, CO 80935.

From the President...

The December meeting/Christmas party, I feel, was a great success. Thanks to Susan Smith, KA7NNX, for a terrific job. Everyone seemed to have enjoyed themselves and the program was super.

The zoning ordinance is again upon us. I would like to ask each one of us to keep on top of this. The City Council would sure like this ordinance to go their way. We could all help in many ways. We have some volunteers to serve on the committee. If you would like to participate please contact any board member. Thanks to the following individuals who have already volunteered:

Laura Cox KBØEXL
John Kramer (NO CALL AS YET)
Rosie Calaway WAØMNL
Russ Calaway KBØFNM
Steve Westby WB7VHR
Steve Schaarschmidt KØCI

Hal Bergeson, WØMXY, spoke at the last meeting and I also received a letter from Dan Hausauer, WDØCNQ, on this subject. I'd like to thank these two gentlemen for watching out for our best interests.

THANKS AGAIN TO SUSAN and to all who brought goodies to the Christmas party. Happy New Year to all.

Committee Chairpersons

Publicity	Al Craig	594-9288
Membership	Les Borst	634-3995
Education	Al Bailey	597-8514
VE Testing	Rick Brown	531-9423
Interference	Bill Petty	591-2116
RACES	Doug Maloney	unlisted
ARES	John Chapman	635-1604
SkyWarn	Steve Westby	570-1070
Public Service	Mike Stansberry	636-1290
CCARC	Oak Stockton	570-7782
Club Tractor	Steve Westby	570-1070
Newsletter	Ron Deutsch	593-8352
Club Historian	Al Craig	594-9288
Swapfest	Doug Paris	495-9346



YOU GOT AN HF RIG THAT WILL FIT IN THIS THING, AND A MOBILE WHIP THAT WON'T KNOCK IT OVER?

General Meeting. December 9, 1992

The meeting was called to order at 7pm by Luci, NØOUD.

Treasurer Report.

Prev. Balance - 1101.80
Income - 217.00
Expenses - 335.00
New Balance - 983.80

VE Effective immediately, Rick, KDØSU will be the VE Coordinator. The Club would like to thank Chris, NXØE for his excellent work as past VE Coordinator and would like to welcome Rick to the position.

Hal, WØMXY discussed proposed new County Zoning Ordinances and how they may affect Ham Antennae and Ham Radio activity in the city. The Club passed a motion to appoint a committee to monitor the proposed ordinances and to attend hearings.

Hal will act as an advisor.

Swap Fest. The Swap Fest will be held in the City Auditorium. The rental fee is 550.00. The Club voted to approve a 350.00 deposit. The Swap Fest Chairman will write a more detailed report for publication in Ø Beat.

Skywarn. The Skywarn Packet Bulletin Board System is now active on 145.01.

Hammy was presented to Rosie for her consistent contributions to the Club.

Mona was thanked for her hand-made Christmas Wreaths which she donated to the Club.

The meeting was followed by the annual Christmas Party. The Club would like to thank Susan, KA7NNX for coordinating the party and for her beautiful flute music.

Submitted by Liz, NØTUK PPRAA Secretary

Board Meeting, December 18, 1992

The meeting was held at the QTH of Russ and Rosie, KBØFNM and WAØMNL. The meeting was called to order at 7pm by President Luci NØOUD.

The following were in attendance: Luci, NØOUD; Mallory, NØIKF; Tom, NØNTX; Harv, WB8YXD; Ken, NØNKP; Rosie, WAØMNL; Russ, KBØFNM; Steve, WB7VHR; Steve, KØCI; Ron, NKØP; Guest John, (license pending); Liz, NØTUK.

The Board passed a resolution endorsing Rick, KDØSU as the new VE Chairman. The Board also thanks Chris, NXØE for his past service as VE Chairman.

The Board passed a resolution to excuse the 100.00 debt incurred by the VE's because it was never actual clear as to whether the money was actually considered a grant or a loan. In the future loans will be made formally in writing. When Ham classes are held in the future, students will be asked to make a small donation to help to defray costs.

The Treasurer states that the present time there is only 353.80 in the bank due to increased expenses this month but that this amount will rise as membership fees arrive. The newsletter was more expensive this month due to the pictures that were printed.

Al, NØCMW has an IBM Selectric typewriter at home that belongs to the Club. It was suggested that there be an audit of Club property to determine the location and condition of Club property.

The Board wishes to thank Susan, KA7NNX for her excellent work in setting up the Christmas party

Rosie, WAØMNL will mail Holiday greeting cards to Ø-Beat advertisers.

Guest, John (license pending) discussed the intricacies of zoning ordinances in the city. He has had much experience in dealing with various ordinances and has

Dits and Bits

volunteered to assist the Club in monitoring and opposing ordinances harmful to Ham radio. John and Laura Cox have volunteered to be on the Zoning Ordinance Committee. Other volunteers are still needed.

Harv WB6YXD explained a proposal for coordination of Ham radio with police and emergency services in the city. This model is based on a successful model that has been used in Boulder.

Swap Fest tables will be rented for 10.00.

The drawing will be at 3pm on the day of the Swap Fest.

Another person is needed to be Raffle Chairman. Ron, NKØP is the only person legally qualified at present. The Raffle Chairman must complete a one-day course in Denver to be legally qualified. The Board will try to find out when these courses are held.

Future Club programs are as follows:

Jan. Home Brew Night
Feb. Lightning
Mar. Satellites
Apr. Skywarn

The next board meeting will be held on Jan 17 at 3pm at the QTH of Harv, WB6YXD.

Submitted by Liz NØTUK PPRAA Secretary

For Sale:

Motorola PageBoy II tone and voice pager on 147.345. \$100 Paul, WØRW 632-2829

For Sale:

Kenwood TS-820S and VFO-820 excellent condition. Bob, KB7CAY, 260-6798

For Sale:

Yaesu 757GX with matching power supply, MD-1 desk mic, hand mic, all manuals including service manual. Mint condition, \$695.00 Firm.

Two Alinco DJ 560I Dual band HT's new in the box. \$325.00 ea. Will, NØHRD, 471-8527

For Sale:

Cushcraft R-7 ant. 10-40 mtrs, used 20 hours. Sacrifice \$290 cash.

Steel mast 2-10ft sections, extends to 20 ft. \$15.00

AEA Isopole model 144, in original box. \$45 Palomar SWR/Power Mtr. Used 15 hours. Cost \$195 Sell \$150 Cash

Baldon 9258 coax approx. 100 ft. with connectors .20/ft, \$20

Call John, KA6AHY 481-5083

Wanted:

A donation of a 2 mtr transceiver is needed for the SKYWARN packet BBS. The radio will become ARES property. A repairable non-working radio would be acceptable. A non-working computer and TNC have both been donated, repaired, and put into operation. A transceiver would complete the package. Thank you. Steve, WB7VHR
ARES Dist. 14 AEC severe weather.

1/15/93

from page 9

1992 MEMBERSHIP

Last Name	First Name	Call	Call	Address	City	Sta	Zip	Phone
						te		
WILSON	DAVID	WØZHI		7256 WHITLEY DR.	COLOR. SPGS.	CO	80920	599-3819
WOLFE	CLARENCE	WØFFO		6750 DALE RD.	COLOR. SPGS.	CO	80915	591-0184
WONDERS	DeAnna	NØSIB		67MS. 6650 A	USAF ACADEMY	CO	80840	472-1438
WRIGHT	ERICK	NØSHT		1950 W. YAMPA #B	COLOR. SPGS.	CO	80904	520-0613
WRIGHT	HAROLD			1015 TIMBER VALLEY RD.	COLOR. SPGS.	CO	80919	593-2042
YORK	SARV	NØDAI		64038 BUTTERCUP	USAF	CO	80840	472-0265
ZIMMERMAN	JIM	KØJNS		4411 EDWINSTONE	COLOR. SPGS.	CO	80907	599-3119
ZIMMERMAN	WILL	NØHRD		3106 HUDSON ST.	COLOR. SPGS.	CO	80910	471-8527

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11/28/92

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Last Name	First Name	Call	Call	Address	City	Sta	Zip	Phone
						te		
ALLISON	TED	N8NKS		1323 OSWEGO	COLO. SPGS.		80904	633-1517
ALMQUIST	DAVID	N8KXC		4712 N. WEBER ST.	COLO. SPGS.	CO	80907	593-7552
ALVES	WALLY	W8KXIT		5905 WILSON RD.	COLO. SPGS.	CO	80919	522-0761
ARNOLD	ALAN	N8OPW		2065 FARRINGTON ST	COLO. SPGS.	CO	80916	637-1713
ATKINSON	PHILIP	M8N1W		5255 FARM RIDGE PL.	COLO. SPGS.	CO	80917	597-1561
BAILEY	ALLEN	AD02		2715 ALTEZA LANE	COLO. SPGS.	CO	80917	597-8514
BANKS	DAVID & CHRIS	N810N	N80MU	702 GREY EAGLE CIRCLE SO.	COLO. SPGS.	CO	80919	260-1318
BARBEAU	ARTHUR	W8IHO		702 PIONEER LANE	COLO. SPGS.	CO	80904	632-0946
BARTON	DAVID	AF6S		14842 NELSON WAY	SAN JOSE	CA	95124	
BATES	STEVE & CHRIS	N8MHQ	N8MHP	6565 ZERMATT DR.	COLO. SPGS.	CO	80915	637-0684
BAXTER	RICK & SHARON	W80WVS	N80PS	5927 SPURWOOD DR.	COLO. SPGS.	CO	80918	598-3786
BEATON	ARTHUR	KF0VG		150 DOLOMITE DR.	COLO. SPGS.	CO	80919	593-1719
BEAUCHAMP, SR.	GEORGE	W80Y		1316 N. BENNETT AVE.	COLO. SPGS.	CO	80909	635-8758
BELLAMY	WILLIAM & ELEANOR	W82EVR	K82BAJ	2413 WARWICK LANE	COLO. SPGS.	CO	80909	591-2378
BENTON	MALCOLM & PAMELA	KEYS	N9AHA	15365 DEBY DR.	COLO. SPGS.		80921	480-2071
BERGESON	RAL	W8MXV		809 E. VERMILIO AVE.	COLO. SPGS.	CO	80903	471-0238
BLUCHER	STEPHEN	N8RNR		4544 VALENCIA CIR.	COLO. SPGS.	CO	80917	
BOLGER	AL	K8KSJ		11425 DODGE CIR	FALCON	CO	80831	683-2506
BOLLER	RICHARD	N811M		5650 SADDLE ROCK RD.	COLO. SPGS.	CO	80918	598-2882
BORST	LES & JODY	K80NC	K80RZ	2542 E. B1JOU	COLO. SPGS.	CO	80909	634-3995
BOYES	SS&T JEFF	523-13	-4517	PSC #2, BOX 2394	SHEPPARD AFB	TX	76311	634-3995
BRANLEY	BILL	N8TUL		1175 PANORAMA DR.	COLO. SPGS.	CO	80904	635-7853
BRANTLEY	GRADY & DOLores	N801W	K80JOR	18060 RED ROCKS DR.	MONUMENT		80132	481-2148
BRERETON	THOMAS	W2TJO		3915 CANTRELL DR.	COLO. SPGS.	CO	80911	398-9247
BREWER	J. BARRY	W8SDTN		6670 GAMBOI QUAIL DR. W	COLO. SPGS.	CO	80918	593-0886
BROWER	DOUG	N8HJT		19770 TOP O' THE MOOR DR.	MONUMENT	CO	80132	488-0559
BROWER	JEFF	NK0L		3800 MARTIN LN.	TWO RIVERS	WI	54241	
BROWN	RICK	KD0SU		3249 SQUAM VALLEY DR.	COLO. SPGS.	CO	80918	531-9423
BROWNING	JOE	W8HOJ		2627 WEIR AVE.	COLO. SPGS.	CO	80910	471-9860
BRUGER	PHILLIP C.			5640 SADDLEROCK RD.	COLO. SPGS.	CO	80918	528-8041
BRYANT	FLOYD & FAYLENE	K8SFCM	K8SFTN	7635 CONTRAILS DR.	COLO. SPGS.	CO	80920	528-6984
BUCHANAN	R.R.	K87CAY		3440 VALEJO CT.	COLO. SPGS.	CO	80918	594-9417
BUCHTA	HARRY	W3TEB		21 EAST MAIN ST.	MACOMBIE	PA	18062	966-5500
BUCKNER	SPENDER	W0BD		8165 SUMMERSET DR. APT. D	COLO. SPGS.	CO	80920	593-7610
CALAWAY	RUSS & ROSIE	K80FNM	W80MNL	616 W. 31st ST.	COLO. SPGS.	CO	80904	471-9965
CASELLA SR.	MICHAEL	K86IOD		5027 WADDELL AVE.	COLO. SPGS.	CO	80915	
CHAMBERN	CHARLES	N8CAN		2823 W. UINTAH	COLO. SPGS.	CO	80904	632-8413
CHAPMAN	JOHN	N8KIC		604 E. FONTANERO ST.	COLO. SPGS.	CO	80907	635-1604
CHATELAIN	DON	K80WC		1470 LOFLIN RD.	COLO. SPGS.	CO	80930	683-2883
CHILDRESS	HERB	KD0QE		99 RAVEN HILLS COURT	COLO. SPGS.	CO	80919	598-2346
CLARK	GEORGE	W8UDI		2124 GLENHILL ROAD	COLO. SPGS.	CO	80906	576-8844
COOK	BARRY	W8MOG		2758 N. ARCADIA ST.	COLO. SPGS.	CO	80907	634-8009
COPMANN	DAVID	W87SDO		10280 SHILOH DR.	RENO	NV	89506	730-7800
CORNELL	BOC	W8MCT		721 LANSING DR.	COLO. SPGS.	CO	80909	596-4216
COTTON	ERIC	K80KPP		3501 N BUCKNER BLVD. #304	DALLAS	TX	75228	321-1971
COI	THOMAS & LAURIEA	W80BYH	K80EXL	4241 MARLOW CIR.	COLO. SPGS.	CO	80916	597-9760
CRAIG	AL	N21WZ		5562 DUNBAR COURT	COLO. SPGS.		80918	594-9288
CULLEN	RICHARD	W87HDO		P.O. BOX 15053	COLO. SPGS.	CO	80935	630-1392
CUNNINGHAM	JOHN	N8TAG		914 E. CIMARRON	COLO. SPGS.	CO	80903	473-5707
CURL	BRYAN	N8LUF		3910 REMPLE CT.	COLO. SPGS.	CO	80911	
DARDN	AL			P.O. BOX 30848	COLO. SPGS.	CO	80937	

11/28/92

1992 MEMBERSHIP

Last Name	First Name	Call	Call	Address	City	Sta	Zip	Phone
DAVIS	CHARLIE & KATH	KW4D	N8DP6	1275 WINDMILL AVE.	COLO. SPGS.	CO	80907	268-6305
DEUTSCH	RON & LIZ	NK8P	N8TUK	4385 RIDGE LANE DR.	COLO. SPGS.	CO	80918	593-8352
DICKERSON	SUZANNA	N8TOL		5935 BREEZE CT.	COLO. SPGS.	CO	80918	592-0869
DODD	F.A.	KB8EPK		1923 WOODBURN ST.	COLO. SPGS.	CO	80906	471-1883
EINING	CHARLES	W9YYD		3755 E. CRESTA LOMA CIR.	COLO. SPGS.	CO	80911	398-8655
EPLEY	JOHN			3855 SIERRA VISTA RD.	MONUMENT	CO	80132	481-3786
ERICKSON	DON	N88IMK		4728 FROST DR.	COLO. SPGS.	CO	80916	
FINNEY	FRANK	W9PXP		8635 CHANCELLOR DR.	COLO. SPGS.	CO	80928	282-9384
FLINT II	RICHARD	N83KQG		5355 BILD RIDGE RD.	COLO. SPGS.	CO	80917	520-4350
FRANK LUCIANI	EL PASO COUNTY DEM	KA861R		1824 S. WAHSATCH	COLO. SPGS.	CO	80906	632-1180
FRAZER	TOM	WA8QQT		4540 SADDLE WOOD DR.	COLO. SPGS.	CO	80918	598-9496
FREEDORN	ANDY	N8CCZ		5222 BORREGO DR.	COLO. SPGS.	CO	80918	598-8323
FRENCH	BOB	N8ISU		3224 W. FONTANERO	COLO. SPGS.	CO	80904	638-1127
FRENCH	DONALD	N8QWT		4945 MARK DABLING BLVD. #19	COLO. SPGS.	CO	80918	598-0732
FRENCH JR.	WILLIAM			R#2-1155 N. ELLICOTT HWY.	CALHAN	CO	80808	
FREYER	GUS	K8STOH		1261 FRIENDSHIP LANE E.	COLO. SPGS.	CO	80904	471-0449
FREYNUTH	G. RUSSELL	W8SWS		2713 ANDROMEDA DR.	COLO. SPGS.	CO	80906	633-8186
FUHS	DONALD	KE8CQ		2 W. ELY ST.	COLO. SPGS.	CO	80911	392-0718
GALBRAITH	JOHN & COLLEEN	N8QYW	N8QWD	675 ROCK CREEK MESA RD.	COLO. SPGS.	CO	80926	576-1343
GEORGE	ARTHUR	K2MAH		1849 KEITH DR.	COLO. SPGS.	CO	80916	591-2701
GOBBIE	KEITH	VE3OY/	NY8T	28 WOODHEAD CRESCENT	NORTH YORK	ON	M3M215	882-5524
GOULD	CHARLOTTE			5945 E. BLANEY RD.	FALCON	CO	80917	683-2896
GRAY	KENNETH	N8FRQ		2810 ORO BLANCO DR.	COLO. SPGS.	CO	80917	574-7318
GREEN	JOHN	KA6AHY		12185 AMBASSADOR DR. #468	COLO. SPGS.	CO	80921	481-5083
GREEN III	WALTER	N8PSB		3624 CITADEL DR. NORTH SUITE 309	COLO. SPGS. DR.	CO	80921	596-1178
GRIESINGER	WILLIAM	N8FRW		5525 ERINDALE DR. #202	COLO. SPGS.	CO	80918	593-5800
HABERER	JERRY	WA8WSY		P.O. BOX 17122	COLO. SPGS.	CO	80935	597-2120
HAGGART	BOB	N8CTV		158 WIDEFIELD BLVD.	COLO. SPGS.	CO	80911	398-8911
HANSEN	HARLEY	K8ATD		9011 MINNESOTA	SUN LAKES	AZ	85038	895-0221
HANSI	JERALD	K8CST		7015 KIPLING ST.	COLO. SPGS.	CO	80911	398-4106
HARRINGTON	ROGER	N8TDQ		3223 AUSTIN PLACE	COLO. SPGS.	CO	80909	578-0476
HATCH	HARVEY	N7AAQ		521 ANACONDA DR.	COLO. SPGS.	CO	80919	598-7954
HAUSAUER	DAN & BENELL	ND8CND	KA8RGD	5252 CRACKER BARREL CR.	COLO. SPGS.	CO	80917	597-4095
HAWLEY	DENNIS	KB8KDL		3410 W. EL PASO LOT F1	COLO. SPGS.	CO	80907	471-4338
HAWLEY	DR. DON	KB8NN		1819 N. CIRCLE DRIVE	COLO. SPGS.	CO	80909	635-9367
HEGEMAN	CALVIN	N8ZUH		5216 COLTON PLACE	COLO. SPGS.	CO	80916	
HERRIN	FAYE	KB8QI		3018 W. KIOMA	COLO. SPGS.	CO	80915	632-4574
HICKMAN	IVAN	N8NIX		1515 W. MURRAY BLVD.	COLO. SPGS.	CO	80915	558-0161
HINDS	GEORGE	N8CIX		P.O. BOX 5708	WOODLAND PARK	CO	80966	687-2618
HOLLN	RICH			3665 TAPESTRY TER.	COLO. SPGS.	CO	80918	268-8964
HORTON	KURT	N2HMF		2230 ANGELBLUFF CT.	COLO. SPGS.	CO	80919	598-1394
HOSEA	MEL	W3THR		1907 TESLA DRIVE	COLO. SPGS.	CO	80909	596-8587
HOSKINS	MIKE	N6EMY		7220 RISING MOON DR.	COLO. SPGS.	CO	80919	531-0362
ISBRECHT	KARL	WA7HUR		2131 E. GREENWICH CR.	COLO. SPGS.	CO	80909	637-1523
JACOBBS	JAKE	N8CYR		104 OLD BROADMOOR RD.	COLO. SPGS.	CO	80906	
JANES	LONNY & DALEEN	N8KUM	KA8TSA	518 E. WASHINGTON	COLO. SPGS.	CO	80907	638-1542
JANDKA	RAY & RICH	N8QCV	N8QCF	4898 OLD FARM CIR. W.	COLO. SPGS.	CO	80917	591-9917
JARMUTH	DOUGLAS & DAVID	KB8KQW	KB8KQI	1713 SHERMAN ST.	COLO. SPGS.	CO	80909	528-0456
JEAKLE	MARK	N8QTZ		2825 WESTMORE LANE RD.	COLO. SPGS.	CO	80907	
JEFFERTS	MALLORY	N8IKF		854 CHAPMAN DR. #9	COLO. SPGS.	CO	80916	591-0849
JENSEN	RYAN	WF8GA		4518 SLEEPY HOLLOW CIR.	COLO. SPGS.	CO	80917	574-2988

1992 MEMBERSHIP

Last Name	First Name	Call	Call	Address	City	Sta	Zip	Phone
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JOHNSON	HERMAN	NOKAN		4470 LINCOLN PLAZA DR.	COLO. SPGS.	CO	80911	392-8131
KALTENSTEIN	FRANK	NBIEM		5102 GALLEY RD. #304B	COLO. SPGS.	CO	80915	596-7980
KIFFABER	JIM	KOSPS		811 S. SANWATCH ST.	COLO. SPGS.	CO	80903	
KILE	RICK & LYDIA	WE7THT		4150 ALDER CT.	LOVELAND	CO	80538	
KING	WILLIAM	WOLKO		2916 N. INSTITUTE ST.	COLO. SPGS.	CO	80907	634-4751
KOCN	GARY	NATDN		1413 TESLA DR.	COLO. SPGS.	CO	80909	574-2456
KOEPP	HARRY	WORTB		2107 PARKVIEW BLVD.	COLO. SPGS.	CO	80906	
KOVAR	JOHN			2633 M. BENNETT AVE.	COLO. SPGS.	CO	80909	632-7866
KRAL	LARRY	NBAMP		6727 BISHOP DR.	COLO. SPGS.	CO	80918	488-2589
KREMER	JOHN			1765 KIMBERLY PLACE	COLO. SPGS.	CO	80915	558-1489
KYSELY	ARVY	KBOEPM		3011 E. SPRINGLAKE CR.	COLO. SPGS.	CO	80906	576-1082
LANE	THOMAS C.	KAOVKH		P.O. BOX 24524	DENVER	CO	80224	
LESLIE	NORMAN	NOCBP		P.O. BOX 484	WOODLAND PARK	CO	80866	687-3539
LEWIS	LARRY	KORI		4730 MONTERELLO DR.	COLO. SPGS.	CO	80918	594-6397
LIBBY	LAUREN	KXOD		6166 DEL PAZ DRIVE	COLO. SPGS.	CO	80918	593-9861
LIEBGOOD	BUD	NODDE		99 OLD BROADMOOR RD.	COLO. SPGS.	CO	80906	475-0537
LOCKHART	GEORGE	NBODUM		13125 HERRING RD.	COLO. SPGS.	CO	80908	495-3983
LOPEZ	RODNEY	KASOVO		5410 WAGON MASTER DR.	COLO. SPGS.	CO	80917	596-3720
LUND	EDWARD	KDONS		6965 WILDRIDGE RD.	COLO. SPGS.	CO	80908	594-9976
LaFOSSE	PETER	NOLA		5750 N. MERIDIAN RD.	PEYTON	CO	80831	495-4829
MADDOX	JOE	WBOO		900 SATURN DR. #901	COLO. SPGS.	CO	80906	634-7408
MASCIANO	JOSEPH	KQOS		1214 AUBURN DR.	COLO. SPGS.	CO	80909	597-0825
MARTIN	JOHN	NOSHO		2825 VILLA LOMA DR.	COLO. SPGS.	CO	80917	597-7098
MARTIN	MICHAEL R.			3148 MAVERICK DR.	COLO. SPGS.	CO	80918	594-9339
MATTHEWS	CHARLES	WB9SGD		P.O. BOX 88	CALHAN	CO	80808	437-2392
MATTHEWS	JAY			P.O. BOX 88	CALHAN	CO	80808	347-2392
MEANS	ED	WBOV		212 FARRAGUT AVE.	COLO. SPGS.	CO	80909	473-6174
MERRILL	JIM	WBOVX		1434 N. FOOTE	COLO. SPGS.	CO	80909	635-1139
METCALF	H.B.	N0GEC		1058 FONTMORE RD.	COLO. SPGS.	CO	80904	471-0871
MOLITORIS	GEORGE			P.O. BOX 25785	COLO. SPGS.	CO	80936	558-9463
MOLONEY	DOUG	WBOMHP		3817 VAQUERO CIR. SO.	COLO. SPGS.	CO	80918	599-9605
MORDE	RICHARD	KD3TM		3672 PARKMOOR VIL DR. APT. E	COLO. SPGS.	CO	80917	591-9508
MORGAN	RON & MICKEY	NBMOJ	KBOGMA	P.O. BOX 9007	DIVIDE	CO	80814	687-1800
MUSELE	ERIK	N5XYX		829 HATHAWAY #203C	COLO. SPGS.	CO	80915	596-5345
MYERS	PAM	ANRS		510 WEST HARRISON	ALLIANCE	OH	44601	
MacDONALD	WM	N0TVY		2529 LEGEND DR.	COLO. SPGS.	CO	80920	
McALLISTER	R. WAYNE			8575 ILEX DR.	COLO. SPGS.	CO	80902	599-4762
McBRIDE	DONALD & CAROL	WA7VVA	K87NUS	5102 GALLEY RD. #225A	COLO. SPGS.	CO	80915	574-5444
McCARTY	JACK	N0CYS		2610 E. BIRCH ST.	COLO. SPGS.	CO	80909	633-3479
McDANIEL	THOMAS	N0NTX		4255 SHINING WAY	COLO. SPGS.	CO	80916	570-1465
McNALLY	FRANK, J.C. & SEAN	KF0WF		3713 DIXON WAY	COLO. SPGS.	CO	80909	596-0733
ME	STEVEN	N6IOA		6547 N. ACADEMY BLVD. #499	COLO. SPGS.	CO	80918	495-3547
NYMAN	ROBERT	N0RNB		4409 BARKMAN CIR.	COLO. SPGS.	CO	80916	574-5161
DiDELL	CHAUNCEY & PATRICIA	N0PV0	N0PVP	181 WOODLAND VALLEY RD.	WOODLAND PARK	CO	80863	687-6649
DONS	DENNIS	N7GBL		950 SANTE FE ST.	COLO. SPGS.	CO	80903	638-0704
PARIS	DOUGLAS & RAMONA	N4TGO	N0OPH	16645 HIGH TR DR.	ELBERT	CO	80106	495-9346
PARSONS	DAVID	K050CA		2874 SERENDIPITY CR. WEST	COLO. SPGS.	CO	80917	574-1001
PETERSON	ROBERT L.			6317 GALWAY DR.	COLO. SPGS.	CO	80918	598-3130
PETTY	WILLIAM	N0N1J		2765 SIERRA DR.	COLO. SPGS.	CO	80917	591-2116
PHILLIPS	KENNETH	N0NKP		4850 SANTIAGO WAY	COLO. SPGS.	CO	80917	574-6358
PIERCE	JOE			7410 SILVERDALE	COLO. SPGS.	CO	80911	390-3142

1992 MEMBERSHIP

Last Name	First Name	Call	Call	Address	City	Sta	Zip	Phone
						te		
FRISK	JERRY	N0P2U		2230 GLENWOOD CIR.	COLO. SPGS.	CO	80909	574-3745
QUINTANA	JOSEPH	N0ENM		1916 E. UINTAH ST.	COLO. SPGS.	CO	80909	635-2251
RICHARDSON	MARK	N0EPF		3883 DIXON WAY	COLO. SPGS.	CO	80909	596-6916
RIEL	CHARLES	KFOCT		2986 GREENWOOD CIR.	COLO. SPGS.	CO	80910	473-6308
RIESE	DAVID	W08SDM		419 REDWOOD DR	COLO. SPGS.	CO	80907	471-0743
ROHRIG	RALPH	N00DD		7050 COOLIDGE	WIDEFIELD	CO	80911	392-9318
ROLLER	ROBERT	W07WHT		4846 HERNDON CIR.	COLO. SPGS.	CO	80920	282-0204
ROGE	ORA MARIE	N00JX		5214 COLTER LANE	COLO. SPGS.	CO	80915	591-5756
SAMPLE	FRANK	W0CHG		252 CUNNINGHAM DR.	COLO. SPGS.	CO	80911	392-1368
SCHAARSCHMIDT	STEVE	K0CI		6155 TUCKERMAN LANE	COLO. SPGS.	CO	80910	598-3554
SCHEELE	CRAIG	W08EJJ		3710 CALICO CT.	COLO. SPGS.	CO	80910	593-1162
SCHLADWEILER	ELMER	W00WJY		712 W. 24TH STR.	COLO. SPGS.	CO	80904	471-7328
SCHOENBERG	JON	AA0FH		2027 BRISTLECONE DR.	COLO. SPGS.	CO	80919	531-7515
SEYBOLD	BILL & RANDY	N00XS	N00XR	1285 MESA AVE.	COLO. SPGS.	CO	80906	635-3395
SHANNON	GENE	K00UX		2214 PRINCETON WAY	COLO. SPGS.	CO	80909	633-0680
SHERIDEN	WAYNE	W05CMP		1426 BAYLOR DR.	COLO. SPGS.	CO	80909	596-2926
SIGNORELLI	PAUL & SHARON	W08RW	N00PN	P.O. BOX 6069	COLO. SPGS.	CO	80934	632-2829
SINS	HARY	W06YXD		19740 FOUR WINDS WAY	MONUMENT	CO	80132	481-4597
SMITH	CHARLES	N0PRR		P.O. BOX 513	USAF	CO	80840	591-7257
SMITH	CHRIS & SUSAN	N10E	KATNMX	12455 DUNOVAN LN.	COLO. SPGS.	CO	80908	495-0624
SMITH	DAVID	W07P		3040 PURGATORY DR.	COLO. SPGS.	CO	80910	590-7590
SONTAG	ALFRED	K00WIE		2160 SHAWNEE CT.	COLO. SPGS.	CO	80915	591-0290
SORRELLS	JIMMY & CAROLYN	W09ABB	K00BWI	3200 BRIARCLIFF DR.	FINDLAY	OH	45840	422-1608
SPEARY	CARL	K00JEA		622 W. 30TH.	COLO. SPGS.	CO	80904	634-7904
STAFFORD	KIRBY	W07BJ		401B N. LORING CR.	COLO. SPGS.	CO	80909	596-3522
STANFILL	BILL	K4YCD		105 SADDLE MOUNTAIN RD.	COLO. SPGS.	CO	80919	531-7738
STANLEY	LARRY	W05LGO		P.O. BOX 668 1047B MTN. AVE.	GRN. MTN. FALL	CO	80819	684-9761
STANSBERRY	MIKE & LUCI	K0TER	N00UD	2630 E. UINTAH	COLO. SPGS.	CO	80909	636-1290
STEELE	DAVID	KFOOM		11410 WAKELY RD.	COLO. SPGS.	CO	80908	596-8007
STEPHENS	WAYNE	N0TSV		1110 HOLMES DR.	COLO. SPGS.	CO	80909	550-0938
STIENHIER	RICHARD	K00WX		7955 TANGLEDAX LANE	CASTLE ROCK	CO	80104	593-1935
STOCKTON	OAK	K00RL		5102 GALLEY RD. #429AW	COLO. SPGS.	CO	80915	570-7782
STREAMER	RALPH & CONNIE	K00MTX	K00PXE	1304 N. FOOTE AVE.	COLO. SPGS.	CO	80909	634-1081
SUDDARTH, Jr	JAMES	K00AE		1400 SOUTHMOOR DR.	FOUNTAIN	CO	80817	392-5675
SULLIVAN	MIKE	N70NU		P.O. BOX 2442	COLO. SPGS.	CO	80901	
TANNER	MINT	W00YTK		3300 CORBETT LN.	COLO. SPGS.	CO	80907	634-7563
TAPCIA	GREGORY A.	W02DD		720 BRIDGER DRIVE	COLO. SPGS.	CO	80909	597-7064
THEIS	CHUCK	W06SRH		1406 PRAIRIE RD.	COLO. SPGS.	CO	80909	444-8447
TILLOTSON JR.	BASCOM	K00RD		1809 PEJN AVE.	COLO. SPGS.	CO	80904	473-0952
TOEPFEN	DEREK	W00ZTI		8315 TILLER CT.	COLO. SPGS.	CO	80920	590-7082
TOMS	CHESTER	N03MP		P.O. BOX 184	ARLINGTON	KS	67514	
UPTON	CLIFF	W0LME		4145 ANITRA CIR.	COLO. SPGS.	CO	80918	590-5420
VAN ZANT	FRANK	KL7IBA		2424 VIRGO DR.	COLO. SPGS.	CO	80906	633-8484
VROOMAN	ALLEN & FRANCES	N0CMW	N0IUT	1341 DIANA LN.	COLO. SPGS.	CO	80909	473-1660
WARD	JACK	N00WG		12406 OLD PUEBLO DR.	FOUNTAIN	CO	80817	382-7311
WARNOCK	MATT & SHARON	K04RSE	N00RA	5175 PINON VALLEY RD.	COLO. SPGS.	CO	80919	531-6609
WAXBER	RYAN	N05FU		1960 ALAMOSA DR.	COLO. SPGS.	CO	80920	599-3740
WEATHERLEY	TOM	AD0G		14450 PINE CREST DR.	COLO. SPGS.	CO	80908	495-2877
WESTBY	STEVEN	W07VHS		1540 KEITH DR.	COLO. SPGS.	CO	80916	570-1070
WILKINS	RICHARD	N0IUT		7522 PEACHO CT.	COLO. SPGS.	CO	80920	594-0986
WILLOUGHBY	BOB	K02CAE		4400 EARLY MORN DR.	PLANO	TX	75075	570-7707

continued on page 4

VE Testing

Rick Brown, KDØSU

1992 was a great year for the Volunteer Examiners in our club. We held quarterly examining sessions, supported the PPRAA Swapfest, and held other examining sessions in conjunction with the Ham Radio classes sponsored by the club. In great measure, our success was due to the efforts of Chris, NXØE, and Bill, K4YCD. They all deserve our thanks for a job well done.

After our last test session in December, Chris said it was time for him to give up his position due to other commitments. I volunteered to take the position, knowing there is tremendous support from club members. Anyone wishing information concerning exam sessions can contact me at 531-9423. Also, I will try to maintain the latest information on the Ham BBS.

We also discussed testing sessions and decided to increase the number of times we will hold regularly scheduled exams in 1993. Also, we have a new examining location for the year. Our location and schedule are:

Denver Technical College
225 South Union
Colorado Springs, CO

Dates/0900
February 13
April 10
June 12
August 14
October 9
December 11

We will also hold an examining session in conjunction with the PPRAA Swapfest on May 15.

For those of you looking for other test sessions the Mile-Hi VE team in Denver is sponsoring a telephone answering service listing testing throughout the state. This number is 303-360-7293. Our examining sessions will be listed with them.

If you are interested in becoming a Volunteer Examiner, we welcome your

help. The more people we have performing this important service, the easier it is for everyone. Please give me a call if you are interested.

Thanks again to all the VEs who helped out over the past year. Your efforts are appreciated by everyone. I am sure 1993 will continue to be successful.

Operating Events

Rick Brown - KDØSU

January 1993

9 - 10

North American QSO Party, CW, sponsored by National Contest Journal. Details in December QST, pg 128.

16 - 17

North American QSO Party, phone, same as CW listing above.

23 - 25

ARRL January VHF Sweepstakes, see December QST, page 124 for details. This is a great chance to try out the new VHF rig or antenna Santa brought you for Christmas!! See how many grids you can work on VHF.

29 - 31

CQ World-wide 160-Meter DX Contest, CW, for you folks who are not VHFers.

30 - February 7

ARRL Novice Roundup. This is especially for you Novices and Technicians. All Novice bands and frequencies. A great way to increase your code speed or to work new states and DX. Details in January QST.

Law of Averages

You should be quite comfortable with one foot on a block of ice and the other in boiling water—on the average, anyway.

from the July '92 Detroit (Michigan) ARA 'Bulletin'—W8AP Editor

Volksmarches and Communications

by Bob Nyman, NØRNQ

Falcon Wanderers

Would you like to spend a few hours with your family taking a walk, using your communications expertise, and helping a local club promote walking? The Falcon Wanderers volksmarching club would like your help.

A Volksmarch (a German word, literally translated, meaning "peoples walk") is a leisurely walk (at least 8.2 miles/10Km) through a scenic and/or historic area over a pre-marked route. The walk is non competitive and walkers walk at their own pace, thus making this an excellent family activity. All volksmarches are sanctioned by the American Volkssport Association (AVA), a member of the International Volkssportverband (IVV), which governs volkssporting.

Once at an event, walkers obtain a start card, whether walking for free or for IVV credit. The IVV credit is a personal record of all events participated in and costs \$1.50 per event. Record books may be purchased for event and distance credit, and are stamped after each event is completed. The start card is stamped with a number and walkers are shown where the trail starts and what the trail markers look like. The start card will be stamped at each checkpoint. Upon completion of the walk, start cards must be turned in at the finish table. IVV event/distance books will be stamped and the event award will be presented, if previously purchased.

The time needed to complete a volksmarch varies, depending on capabilities and how much sightseeing is done.

Communications are generally needed between the start and finish area and the checkpoints. Communicators may walk the trail if desired, but trail checking is not required. If you would like to assist the Falcon Wanderers with their communications needs, please contact

Robert Nyman, NØRNQ, at 574-5161 for more information.

The 1993 Falcon Wanderers schedule is: February 13, March 20, April 10, May 1, July 10, July 24, August 14, September 26, October 16, December 4th and 5th.

OM/YL Lunch Bunch

Formerly (GALS)

On December 17, 1992 13 OM/YLs and their guests met at Fur's Cafeteria for a most jolly and merry lunch, at which time presents were exchanged.

On January 21, 1993 the Lunch Bunch will meet at Country Harvest on Platte Ave. for another most delightful lunch and camaraderie and hilarity. All guests and newcomers are welcome.

73s and 88s

Rosie Calaway, WAØMNL, The Cured HAM



Late Roster Changes

as of 12/17/92

Al Bolger new call NØTDS
Michele Arnold call NØUNZ
New Members:

Glennon Clark WØULE 132 Amherst,
Widfield, CO. 80911 392-7435

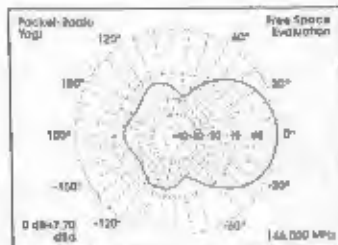
Jim Flynn KØMRS 1427 Culebra Ave.
Colorado Springs 80907 633-5837

Charles Lucas Jr. 7080 Metropolitan St.
Widfield, CO. 80911 392-2496

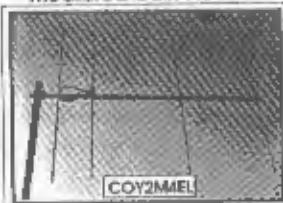
Alan Schulman N4LBL 4410 Gloucester Ct.
Colorado Springs, CO. 80906

Robert & Alys KCØYV, KB4UGL 4415
Cavendish Dr. Colorado Springs, CO. 80920
282-9645

Two Meter Yagi Great For Packet Radio or FM



Measured Gain 7.5 dBd



H-Plane beamwidth 60 deg
Bandwidth 144.5-147.5 MHz
SWR < 1.7 at Band Edge
Impedance 50 ohm
Silver Plated Teflon SO-239
Maximum Power 500 Watts
Chemfilm Treatment On Brackets
Balanced Matching System
Two Part RTV Potting
Black Delrin Insulators

In Colorado Call:
719-598-3786
evenings & weekends
Rick WB9WVS
Sharon NØOPS
Emily NØOPR

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Colorado Springs, CO 80935

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Name _____

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- Family Both Over 65 \$12.00
- Associate Member \$10.00

- Full Member \$15.00
- Family Membership \$18.00
- Newsletter Only \$10.00

Additional Names _____ Call _____ Class _____

Associate Member

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